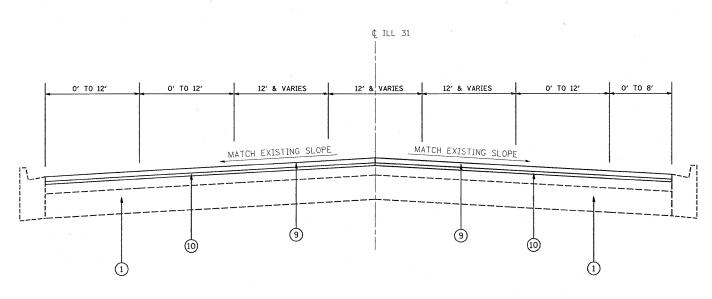


# EXISTING TYPICAL SECTION ILL RTE. 31

STATION: 16+27 TO 26+22



## PROPOSED TYPICAL SECTION ILL RTE. 31

STATION: 16+27 TO 26+22

### LEGEND



#### REMOVAL

- (1) EXISTING PCC BASE COURSE, 9"(±)
- (2) EXISTING HOT-MIX ASPHALT SURFACE COURSE (BEFORE MILLING), 5 1/2"(±)
- (3) EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- (4) EXISTING AGGREGATE SHOULDER, 6"
- 5 EXISTING CONCRETE CURB & GUTTER\*
- 6 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"
  (3 1/4"(±) OF HOT-MIX ASPHALT TO REMAIN)
- 7 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2" (3"(±) OF HOT-MIX ASPHALT TO REMAIN)
- 8 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (9) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- (O) PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- (1) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- 2 PROPOSED GRADING AND SHAPING SHOULDERS

#### NOTE:

- \* 1. NO CURB & GUTTER FROM STA. 21+19 TO 26+22 LT. AND 22+30 TO 26+22 RT.
  - 2. ALL HMA SHOULDERS TO BE MILLED AND RESURFACED
- 3. HMA SURFACE REMOVAL TO BE DONE PRIOR TO PAVEMENT PATCHING

#### HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE USE	AC TYPE	AIR VOIDS (%)		
ROADWAY AND SHOULDERS	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM), 1 1/4 "	PG 64-22	4% @ 70 GYR		
	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 13/4"	SBS/SBR PG 70-22	4% @ 90 GYR		
	POLYMERIZED LEVELING BINDER, (MM) IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR		
PATCHES	CLASS D PATCHES, (BINDER IL-19.0 MM), 12"	PG 64-22 *	4% @ 70 GYR		

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

				**								
FILE NAME =	USER NAME = wilgreendp	DESIGNED -	REVISED -		IL 31 (IL 176 TO BULL VALLEY RD.)		F.A.P.	SECTION	COUNTY	TOTAL SHE	ET	
c:\pw_work\PWIDOT\WILGREENDP	\dms89645\design_aa.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	EXISTING AND PROPOSED TYPICAL SECTIONS			335	146RS-3	MCHENRY	29 5	5
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRAC	T NO. 6290	05
l	PLOT DATE = 1/13/2009	DATE -	REVISED -		SCALE:	SHEET NO. 4 OF 31 SHEETS STA.	TO STA.	FED. ROAD DIST. I	NO. 1 ILLINOIS FED. A			